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SEQUENCE LISTING

<110> G2 Therapies Ltd

<120> Anti-C5aR antibodies and uses thereof

<130> 501129

<150> USSN 60/350,961

<151> 2002-01-25

<160> 34

<170> PatentIn version 3.1

<210> 1

<211> 350

<212> PRT

<213> Homo sapiens

<400> 1

Met Asn Ser Phe Asn Tyr Thr Thr Pro Asp Tyr Gly His Tyr Asp Asp
1 5 10 15

Lys Asp Thr Leu Asp Leu Asn Thr Pro Val Asp Lys Thr Ser Asn Thr
20 25 30

Leu Arg Val Pro Asp Ile Leu Ala Leu Val Ile Phe Ala Val Val Phe
35 40 45

Leu Val Gly Val Leu Gly Asn Ala Leu Val Val Trp Val Thr Ala Phe
50 55 60

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Glu Ala Lys Arg Thr Ile Asn Ala Ile Trp Phe Leu Asn Leu Ala Val
65 70 75 80

Ala Asp Phe Leu Ser Cys Leu Ala Leu Pro Ile Leu Phe Thr Ser Ile
85 90 95

Val Gln His His His Trp Pro Phe Gly Gly Ala Ala Cys Ser Ile Leu
100 105 110

Pro Ser Leu Ile Leu Leu Asn Met Tyr Ala Ser Ile Leu Leu Leu Ala
115 120 125

Thr Ile Ser Ala Asp Arg Phe Leu Leu Val Phe Lys Pro Ile Trp Cys
130 135 140

Gln Asn Phe Arg Gly Ala Gly Leu Ala Trp Ile Ala Cys Ala Val Ala
145 150 155 160

Trp Gly Leu Ala Leu Leu Leu Thr Ile Pro Ser Phe Leu Tyr Arg Val
165 170 175

Val Arg Glu Glu Tyr Phe Pro Pro Lys Val Leu Cys Gly Val Asp Tyr
180 185 190

Ser His Asp Lys Arg Arg Glu Arg Ala Val Ala Ile Val Arg Leu Val
195 200 205

Leu Gly Phe Leu Trp Pro Leu Leu Thr Leu Thr Ile Cys Tyr Thr Phe
210 215 220

Ile Leu Leu Arg Thr Trp Ser Arg Arg Ala Thr Arg Ser Thr Lys Thr
225 230 235 240

Leu Lys Val Val Val Ala Val Val Ala Ser Phe Phe Ile Phe Trp Leu
245 250 255

Pro Tyr Gln Val Thr Gly Ile Met Met Ser Phe Leu Glu Pro Ser Ser
260 265 270

Pro Thr Phe Leu Leu Leu Asn Lys Leu Asp Ser Leu Cys Val Ser Phe
275 280 285

Ala Tyr Ile Asn Cys Cys Ile Asn Pro Ile Ile Tyr Val Val Ala Gly

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290

295

300

Gln Gly Phe Gln Gly Arg Leu Arg Lys Ser Leu Pro Ser Leu Leu Arg
305 310 315 320

Asn Val Leu Thr Glu Glu Ser Val Val Arg Glu Ser Lys Ser Phe Thr
325 330 335

Arg Ser Thr Val Asp Thr Met Ala Gln Lys Thr Gln Ala Val
340 345 350

<210> 2

<211> 23

<212> DNA

<213> Artificial Sequence

<220>

<223> PCR primer

<400> 2
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23

<210> 3

<211> 25

<212> DNA

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25

<210> 4

<211> 20

<212> DNA

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<213> Artificial Sequence

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<223> PCR primer

<400> 4

saggtccagc tgcacagtc

20

<210> 5

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> PCR primer

<400> 5

tgggcatgaa gaacctgg

18

<210> 6

<211> 23

<212> DNA

<213> Artificial Sequence

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<223> PCR primer

<400> 6

gatgttttga tgacccaaac tcc

23

<210> 7

<211> 25

<212> DNA

<213> Artificial Sequence

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<220>

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<400> 7

acactcattc ctgttgaagc tcttg

25

<210> 8

<211> 20

<212> DNA

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<223> PCR primer

<400> 8

saggtccagc tgcarcagtc

20

<210> 9

<211> 18

<212> DNA

<213> Artificial Sequence

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<223> PCR primer

<400> 9

tttgcattgga ggacaggg

18

<210> 10

<211> 23

<212> DNA

<213> Artificial Sequence

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<220>

<223> PCR primer

<400> 10

gatgttttga tgaccctaac tcc

23

<210> 11

<211> 25

<212> DNA

<213> Artificial Sequence

<220>

<223> PCR primer

<400> 11

acactcattc ctgttgaagc tcttg

25

<210> 12

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> PCR primer

<400> 12

caggtgcagc tgaagsagtc

20

<210> 13

<211> 18

<212> DNA

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<400> 13
 tgggcatgaa gaacctgg 18

<210> 14

<211> 336

<212> DNA

<213> Mus musculus

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 tacctgcaga agccaggcca gtctccaaag ctctgatct acaaagtttc caaccgattt 180
 tctgggggtcc cagacagggt cagtggcagt ggatcaggga cagatttcac actcaagatc 240
 agcagagtgg aggctgagga tatgggagtt tatttctgct ctcaaagtac acatgttcct 300
 ccgacgttcg gtggaggcac caagctggaa atcaaa 336

<210> 15

<211> 112

<212> PRT

<213> Mus musculus

<400> 15

Asp Val Val Met Thr Gln Ile Pro Leu Ser Leu Pro Val Ser Leu Gly
 1 5 10 15

Asp Gln Thr Ser Ile Ser Cys Arg Ser Ser Gln Ser Leu Ile His Ser
 20 25 30

Asn Gly Asn Thr Tyr Leu His Trp Tyr Leu Gln Lys Pro Gly Gln Ser
 35 40 45

Pro Lys Leu Leu Ile Tyr Lys Val Ser Asn Arg Phe Ser Gly Val Pro
 50 55 60

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Asp Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Lys Ile
 65 70 75 80

Ser Arg Val Glu Ala Glu Asp Met Gly Val Tyr Phe Cys Ser Gln Ser
 85 90 95

Thr His Val Pro Pro Thr Phe Gly Gly Gly Thr Lys Leu Glu Ile Lys
 100 105 110

<210> 16

<211> 363

<212> DNA

<213> Mus musculus

<400> 16
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 cctggaaagg gtcttgagtg gattggacgg attgatgctg gagatggaga tactaaatac 180
 aatgggaagt tcaagggcaa ggccacactg actgcagaca aatcctccag cacagcctac 240
 atgcaactca gcagcctgac atctgaggac tctgcggtct acttctgtgc aagccttctc 300
 attactacgg tagtgggagc tatggactac tgggggtcaag gaacctcagt caccgtctcc 360
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<210> 17

<211> 121

<212> PRT

<213> Mus musculus

<400> 17

Gln Val Gln Leu Gln Gln Ser Gly Pro Glu Val Val Lys Pro Gly Ala
 1 5 10 15

Ser Val Lys Ile Ser Cys Lys Ala Ser Gly Tyr Ala Phe Ser Arg Ser
 20 25 30

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Trp Met Asn Trp Val Lys Gln Arg Pro Gly Lys Gly Leu Glu Trp Ile
 35 40 45

Gly Arg Ile Asp Ala Gly Asp Gly Asp Thr Lys Tyr Asn Gly Lys Phe
 50 55 60

Lys Gly Lys Ala Thr Leu Thr Ala Asp Lys Ser Ser Ser Thr Ala Tyr
 65 70 75 80

Met Gln Leu Ser Ser Leu Thr Ser Glu Asp Ser Ala Val Tyr Phe Cys
 85 90 95

Ala Ser Leu Leu Ile Thr Thr Val Val Gly Ala Met Asp Tyr Trp Gly
 100 105 110

Gln Gly Thr Ser Val Thr Val Ser Ser
 115 120

<210> 18

<211> 336

<212> DNA

<213> Mus musculus

<400> 18
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 atctcttgca gatctagtca gaggcttgta cacagtaatg gaaacaccta ttacattgg 120
 tacctgcaga agccaggcca gtctccaaag ctctgatct acaaagtttc caaccgattt 180
 tctgggggtcc cagacagggt cagtggcagt ggatcaggga cagatttctc actcaagatc 240
 agcagagtgg aggctgagga tctgggagtt tatttctgct ctcaaagtac acttggtccg 300
 ctcacgttcg gtgctgggac caagctggaa ctgaaa 336

<210> 19

<211> 112

<212> PRT

<213> Mus musculus

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<400> 19

Asp Val Val Met Thr Gln Ser Pro Leu Ser Leu Pro Val Ser Leu Gly
 1 5 10 15

Asn Gln Ala Ser Ile Ser Cys Arg Ser Ser Gln Ser Leu Val His Ser
 20 25 30

Asn Gly Asn Thr Tyr Leu His Trp Tyr Leu Gln Lys Pro Gly Gln Ser
 35 40 45

Pro Lys Leu Leu Ile Tyr Lys Val Ser Asn Arg Phe Ser Gly Val Pro
 50 55 60

Asp Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe Ser Leu Lys Ile
 65 70 75 80

Ser Arg Val Glu Ala Glu Asp Leu Gly Val Tyr Phe Cys Ser Gln Ser
 85 90 95

Thr Leu Val Pro Leu Thr Phe Gly Ala Gly Thr Lys Leu Glu Leu Lys
 100 105 110

<210> 20

<211> 363

<212> DNA

<213> Mus musculus

<400> 20

caggttcagc tgcagcagtc tggacctgag ctggtgaagc ctggggcctc agtgaagatt	60
tcctgcaagg cttctggcta cgcattcagt aactcctgga tgaactgggt gaagcagagg	120
cctggaaagg gtcttgagtg gattggacgg atttatcctg gagatggaga tactaagtac	180
aatgggaagt tcaagggcaa ggccacactg actgcagaca aatcctccag cacagcctac	240
atgcaactca gcagcctgac atctgaggac tctgcggtct atttctgtgc aagattccta	300
cttattagta cggtaacagc cgttgactac tggggccaag gcaccactct cacagtctcc	360
tca	363

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<210> 21

<211> 121

<212> PRT

<213> Mus musculus

<400> 21

Gln Val Gln Leu Gln Gln Ser Gly Pro Glu Leu Val Lys Pro Gly Ala
 1 5 10 15

Ser Val Lys Ile Ser Cys Lys Ala Ser Gly Tyr Ala Phe Ser Asn Ser
 20 25 30

Trp Met Asn Trp Val Lys Gln Arg Pro Gly Lys Gly Leu Glu Trp Ile
 35 40 45

Gly Arg Ile Tyr Pro Gly Asp Gly Asp Thr Lys Tyr Asn Gly Lys Phe
 50 55 60

Lys Gly Lys Ala Thr Leu Thr Ala Asp Lys Ser Ser Ser Thr Ala Tyr
 65 70 75 80

Met Gln Leu Ser Ser Leu Thr Ser Glu Asp Ser Ala Val Tyr Phe Cys
 85 90 95

Ala Arg Phe Leu Leu Ile Ser Thr Val Thr Ala Val Asp Tyr Trp Gly
 100 105 110

Gln Gly Thr Thr Leu Thr Val Ser Ser
 115 120

<210> 22

<211> 336

<212> DNA

<213> Mus musculus

<400> 22

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60

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atctcttgta gatctagtca gaggcttgta cacagtagtg gaaacaccta tttacattgg      120
tacctgcaga agccaggcca gtctccaaag ctctgatct acaaagtctc caaccgattt      180
tctgggggtcc cagacaggtt cagtggcagt ggatcaggga cacatttcac actcaagatc      240
agcagagtgg aggctgagga tctgggaatt tatttctgct ctcaaagtac acttgttcct      300
ccgacgttcg gtggaggcac caagctggaa atcaaa                                336

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<210> 23

<211> 112

<212> PRT

<213> Mus musculus

<400> 23

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Asp Val Val Met Thr Gln Thr Pro Leu Ser Leu Pro Val Ser Leu Gly
1           5           10           15

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Asp Gln Ala Ser Ile Ser Cys Arg Ser Ser Gln Ser Leu Val His Ser
          20           25           30

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```

Ser Gly Asn Thr Tyr Leu His Trp Tyr Leu Gln Lys Pro Gly Gln Ser
          35           40           45

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```

Pro Lys Leu Leu Ile Tyr Lys Val Ser Asn Arg Phe Ser Gly Val Pro
          50           55           60

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Asp Arg Phe Ser Gly Ser Gly Ser Gly Thr His Phe Thr Leu Lys Ile
65           70           75           80

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```

Ser Arg Val Glu Ala Glu Asp Leu Gly Ile Tyr Phe Cys Ser Gln Ser
          85           90           95

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Thr Leu Val Pro Pro Thr Phe Gly Gly Gly Thr Lys Leu Glu Ile Lys
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<210> 24

<211> 357

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<212> DNA

<213> Mus musculus

<400> 24

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acatgcactg tctctggggt ctcattaacc agctatgggt tagactgggt tcgccagtct      120
ccaggaaagg gtctggagtg gctgggagta atatgggggt ttggaagcac aaattataat      180
tcagctctca aatccagact gagcatcagc aaggacaact ccaagagcca agttttctta      240
aaaatgaaca gtctgcaaac tgatgacgca gccatgtact actgtgccag ccactatggt      300
tacgacggtc tgggggttgc ttactggggc caagggactc tggtcactgt ctctgta      357

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<210> 25

<211> 119

<212> PRT

<213> Mus musculus

<400> 25

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Gln Val Gln Leu Lys Glu Ser Gly Pro Gly Leu Val Ala Pro Ser Gln
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Ser Leu Ser Ile Thr Cys Thr Val Ser Gly Phe Ser Leu Thr Ser Tyr
          20          25          30

Gly Val Asp Trp Val Arg Gln Ser Pro Gly Lys Gly Leu Glu Trp Leu
          35          40          45

Gly Val Ile Trp Gly Val Gly Ser Thr Asn Tyr Asn Ser Ala Leu Lys
          50          55          60

Ser Arg Leu Ser Ile Ser Lys Asp Asn Ser Lys Ser Gln Val Phe Leu
65          70          75          80

Lys Met Asn Ser Leu Gln Thr Asp Asp Ala Ala Met Tyr Tyr Cys Ala
          85          90          95

Ser His Tyr Gly Tyr Asp Gly Leu Gly Phe Ala Tyr Trp Gly Gln Gly

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100

105

110

Thr Leu Val Thr Val Ser Val
115

<210> 26

<211> 5

<212> PRT

<213> Mus musculus

<400> 26

Asn Ser Trp Asn Asn
1 5

<210> 27

<211> 17

<212> PRT

<213> Mus musculus

<400> 27

Arg Ile Tyr Pro Gly Asp Gly Asp Thr Lys Tyr Asn Gly Lys Phe Lys
1 5 10 15

Gly

<210> 28

<211> 12

<212> PRT

<213> Mus musculus

<400> 28

Phe Leu Leu Ile Ser Thr Val Thr Ala Val Asp Tyr
1 5 10

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<210> 29

<211> 5

<212> PRT

<213> Mus musculus

<400> 29

Arg Ser Trp Met Asn
1 5

<210> 30

<211> 17

<212> PRT

<213> Mus musculus

<400> 30

Arg Ile Asp Ala Gly Asp Gly Asp Thr Lys Tyr Asn Gly Lys Phe Lys
1 5 10 15

Gly

<210> 31

<211> 12

<212> PRT

<213> Mus musculus

<400> 31

Leu Leu Ile Thr Thr Val Val Gly Ala Met Asp Tyr
1 5 10

<210> 32

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<211> 5

<212> PRT

<213> Mus musculus

<400> 32

Ser Tyr Gly Val Asp
1 5

<210> 33

<211> 16

<212> PRT

<213> Mus musculus

<400> 33

Val Ile Trp Gly Val Gly Ser Thr Asn Tyr Asn Ser Ala Leu Lys Ser
1 5 10 15

<210> 34

<211> 11

<212> PRT

<213> Mus musculus

<400> 34

His Tyr Gly Tyr Asp Gly Leu Gly Phe Ala Tyr
1 5 10